

ABSTRACT

The invention relates to a process for the manufacture of an object, curved in one or more directions, from a package of at least one stacked ply containing 5 polymeric fibres by the deforming thereof at elevated temperature, the process comprising imposing on the fibres a tensile stress at a temperature lying between the melting point of the fibres at the imposed tensile stress and 20°C below the melting point, which tensile stress is high enough for the fibres to be drawn. This process allows objects, curved in one or more directions, to be produced from flat fibre plies 10 without appreciable wrinkling using even fibre plies with low internal and/or mutual deformability and without material being drawn into the die in a controlled manner.

The invention also relates to an object, curved in one or more directions, obtainable by the process according to the invention.